



FIG. 1

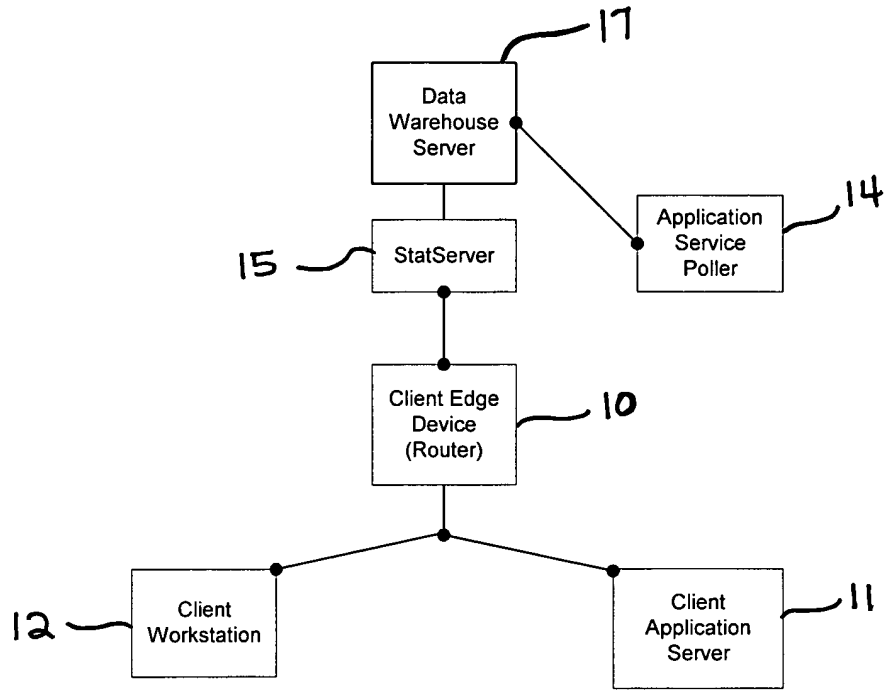
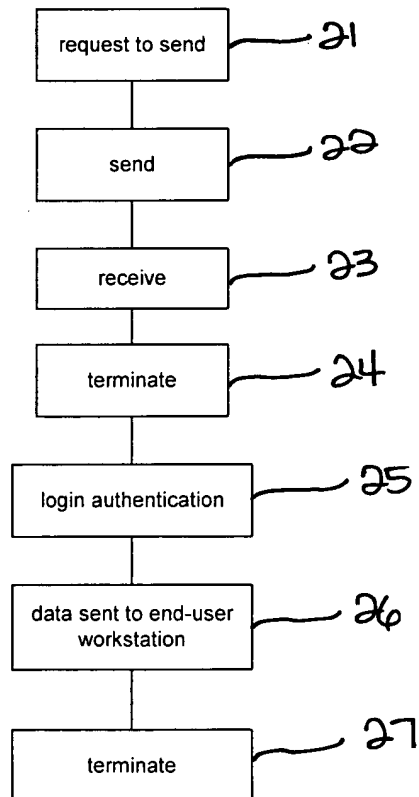


FIG. 2



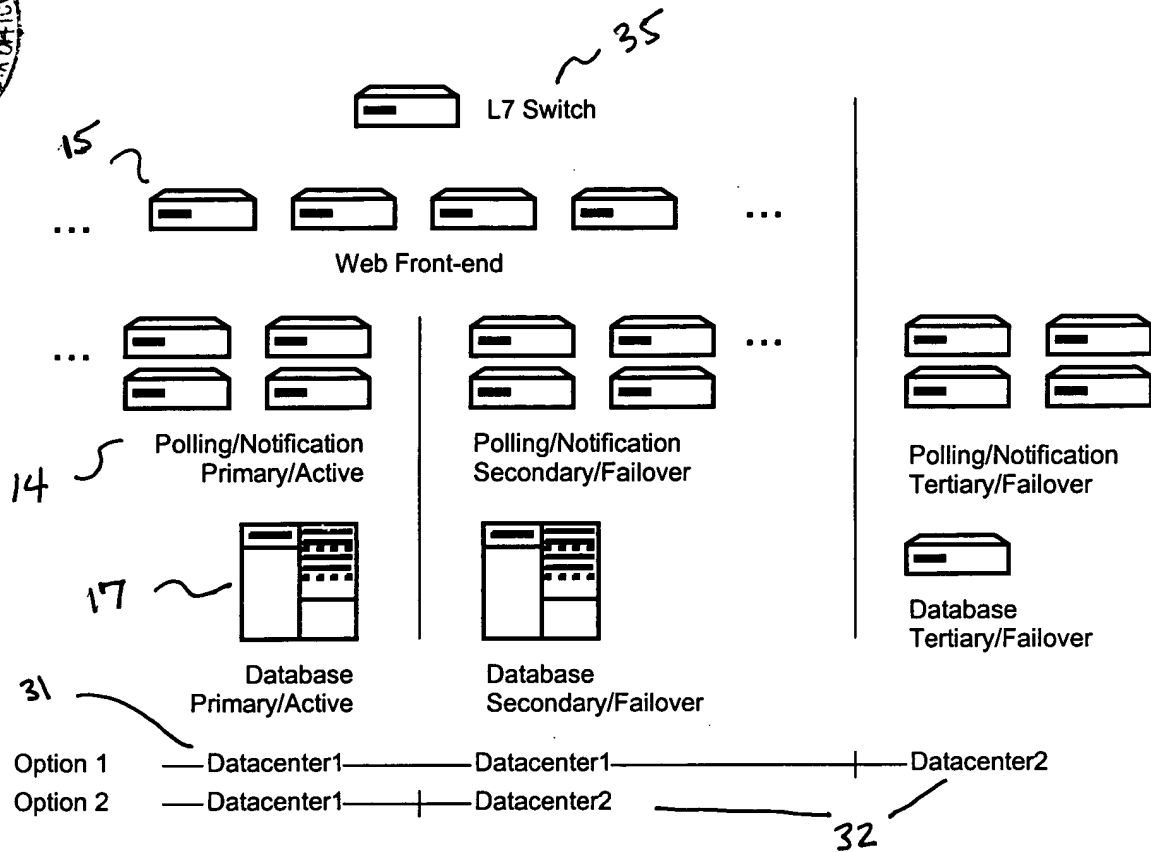


FIG. 3

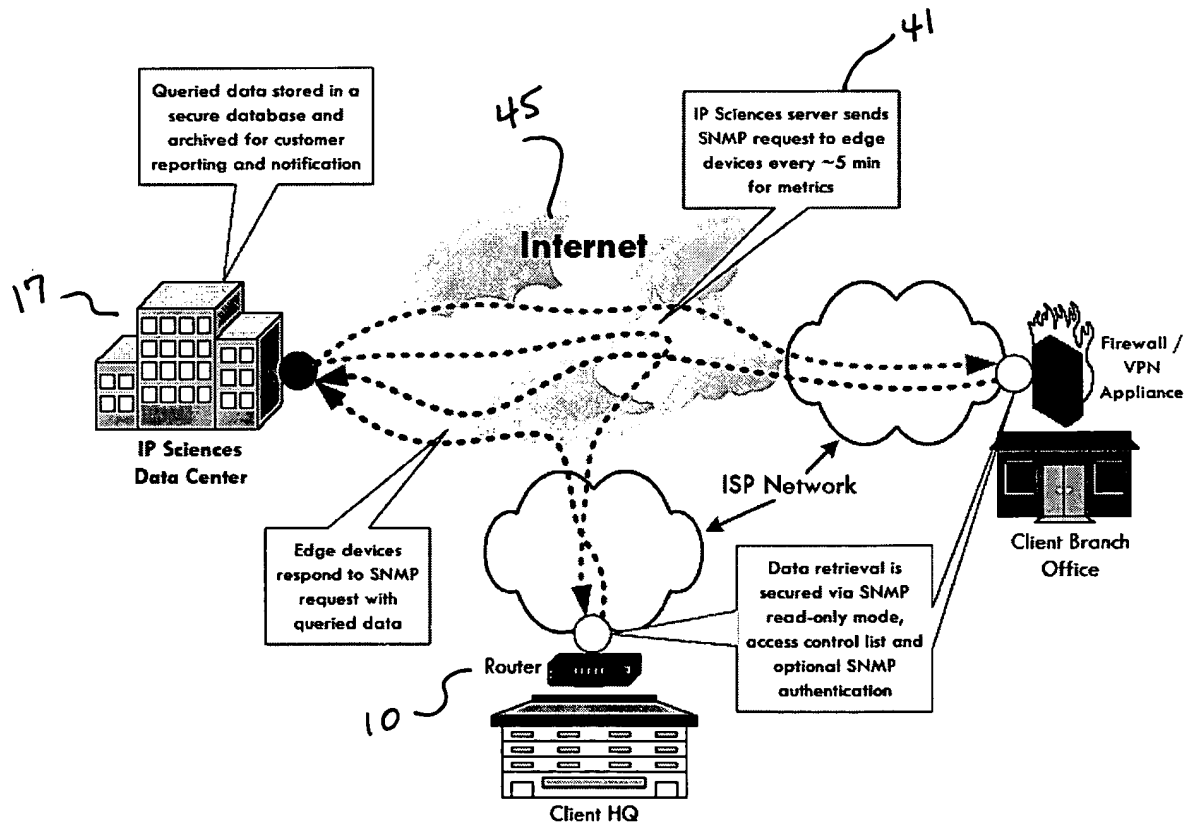


FIG. 4

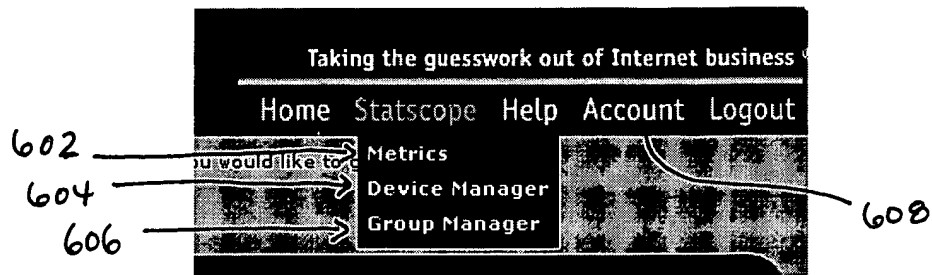


FIG. 6

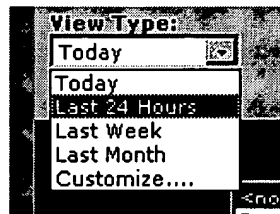


FIG. 7

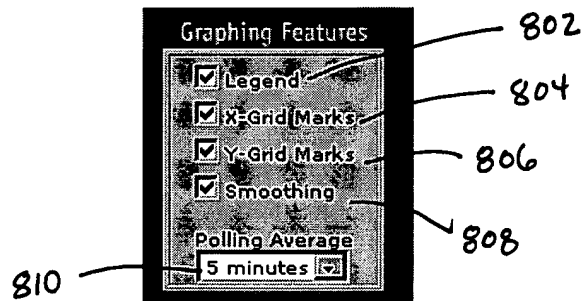


FIG. 8

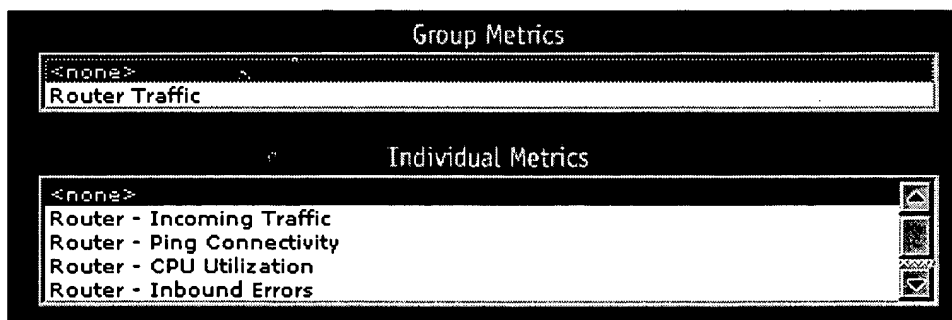


FIG. 9

## Edit Monitor

### Functionality

Polling: ☒

Notifications: ☐

### Primary Contact

Primary Email:

Primary Pager:

### Secondary Contact

Email:

Pager:

### Tertiary Contact

Email:

Pager:

### Escalation Delay

Primary Level: 0

Secondary Level: 0

Tertiary Level: 0

### Thresholds:

High: -1

Low: -1

Update Monitor

FIG. 10

	Devices				Monitors			
	Alias	IP Address	ISP	Type	Location	Alias	Type	Polling Alerts
Devices	<input checked="" type="radio"/>	Cisco Router	64.38.175.161	Verio Router	Seattle, WA	<input checked="" type="radio"/> CPU Utilization	snmp	<input type="checkbox"/>
						<input checked="" type="radio"/> Inbound Errors	snmp	<input type="checkbox"/>
						<input checked="" type="radio"/> Incoming Traffic	snmp	<input type="checkbox"/>
						<input checked="" type="radio"/> Outbound Errors	snmp	<input type="checkbox"/>
						<input checked="" type="radio"/> Outgoing Traffic	snmp	<input type="checkbox"/>
						<input checked="" type="radio"/> Ping Connectivity	connectivity	<input type="checkbox"/>
					Edit Device		Edit Monitor	

1102

FIG. 11

Add Group	
Group Alias:	<input type="text"/> <input type="button" value="Add Group"/>
Edit Groups	
Group Alias:	<div> Cisco Router - Incoming Traffic  Cisco Router - CPU Utilization  Cisco Router - Inbound Errors  Cisco Router - Outbound Errors </div>
<input type="text" value="Router Errors"/>	<input type="button" value="Update Group"/>
Preview Group	
Group Alias:	<input type="text" value="Router Errors"/> <input type="button" value="Preview Group"/>
Delete Group	
Group Alias:	<input type="text" value="Router Errors"/> <input type="button" value="Delete Group"/>

FIG. 12

Technical Contact	Billing Contact
Name: Brian Mansell	Name: Brian Mansell
Email Address: brian.mansell@ipsciences.com	Email Address: brian.mansell@ipsciences.com
Phone Number: 206-679-1949	Phone Number: 206-679-1949
Mobile Number: 206-679-1949	Mobile Number: 206-679-1949
	Address: 2566 14th Ave W #5
	Address (Optional):
	City, State: Seattle, WA
	Zip Code: 98119
<input type="button" value="Edit Technical Contact"/>	<input type="button" value="Edit Billing Contact"/>
<input type="button" value="Change Password"/>	

Name:	<input type="text" value="Brian Mansell"/>
Email Address:	<input type="text" value="brian.mansell@ipsciences.com"/>
Phone Number:	<input type="text" value="206-679-1949"/>
Mobile Number:	<input type="text" value="206-679-1949"/>
Address:	<input type="text" value="2566 14th Ave W #5"/>
Address (Optional):	<input type="text"/>
City, State:	<input type="text" value="Seattle"/> <input type="text" value="WA"/>
Zip Code:	<input type="text" value="98119"/>
<input type="button" value="Update Billing Contact"/>	

FIG. 13

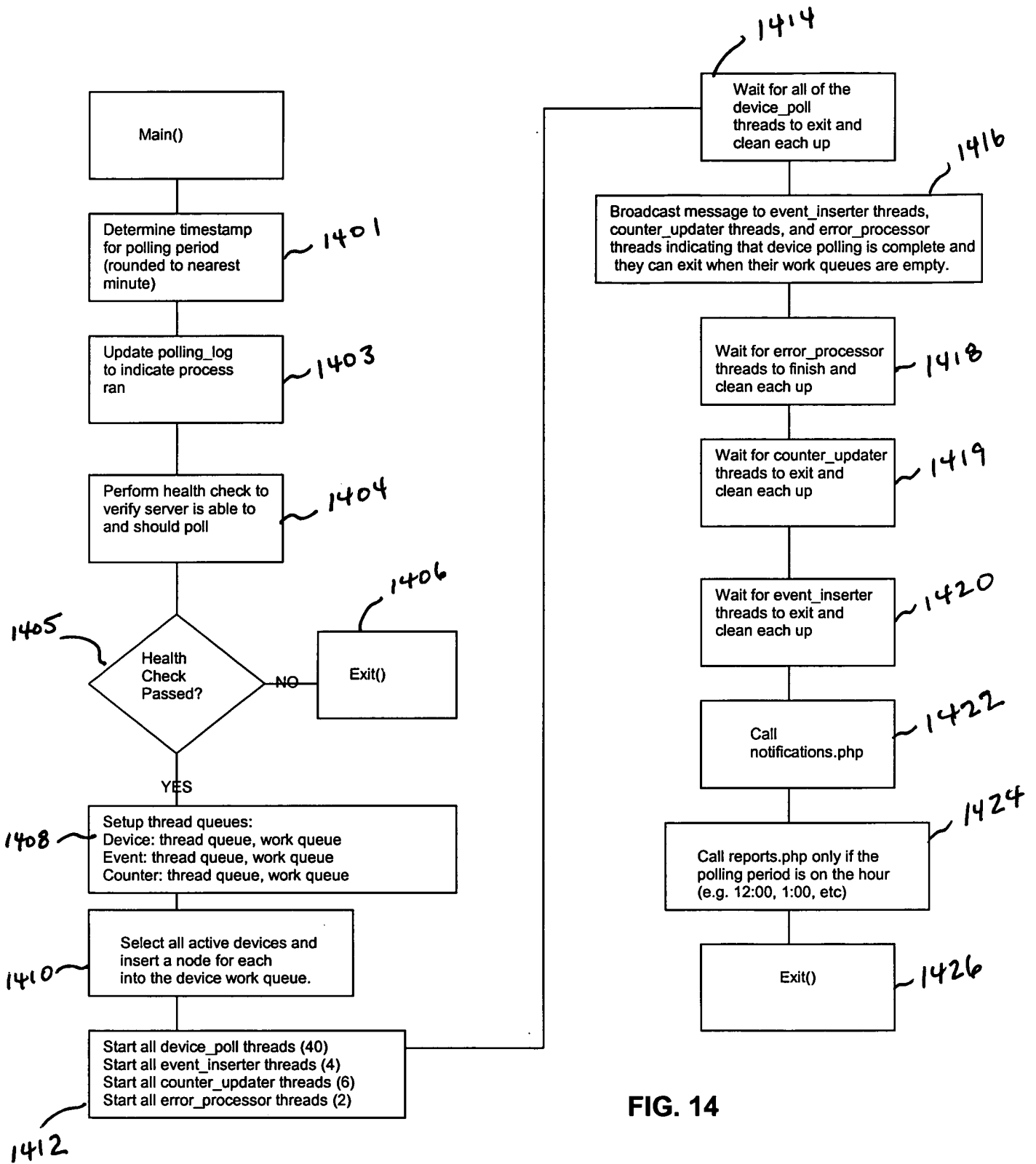


FIG. 14

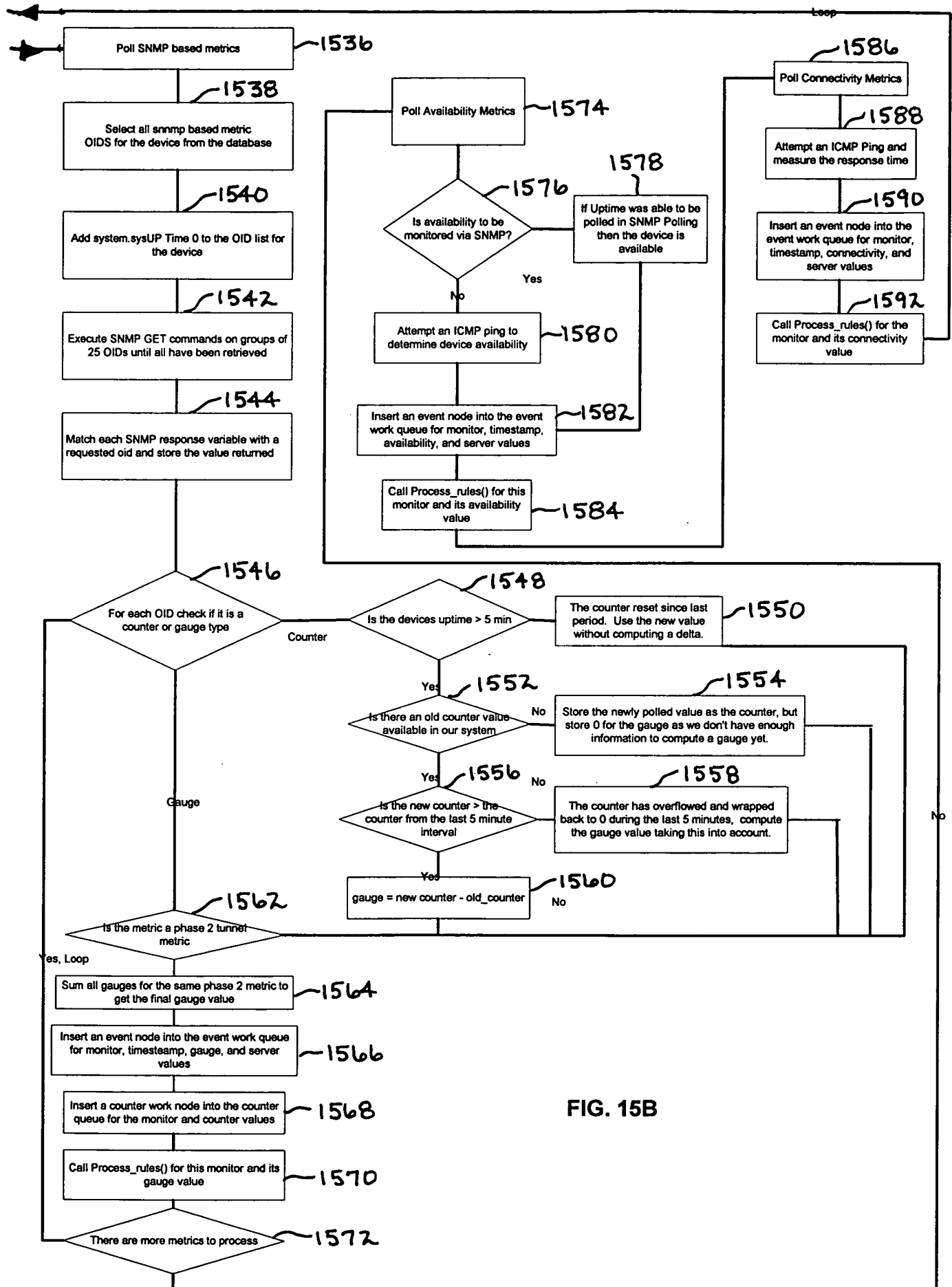


FIG. 15B

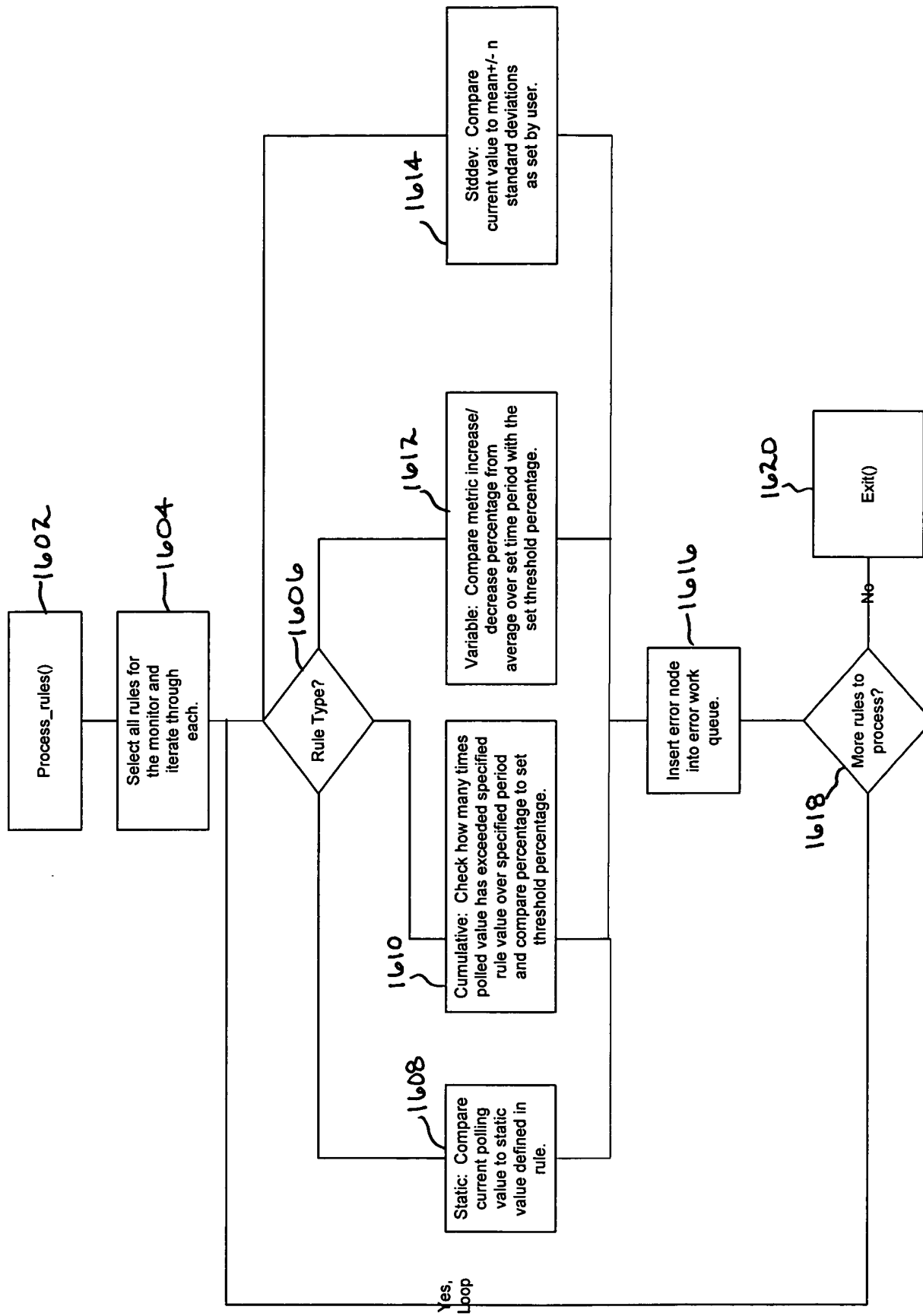
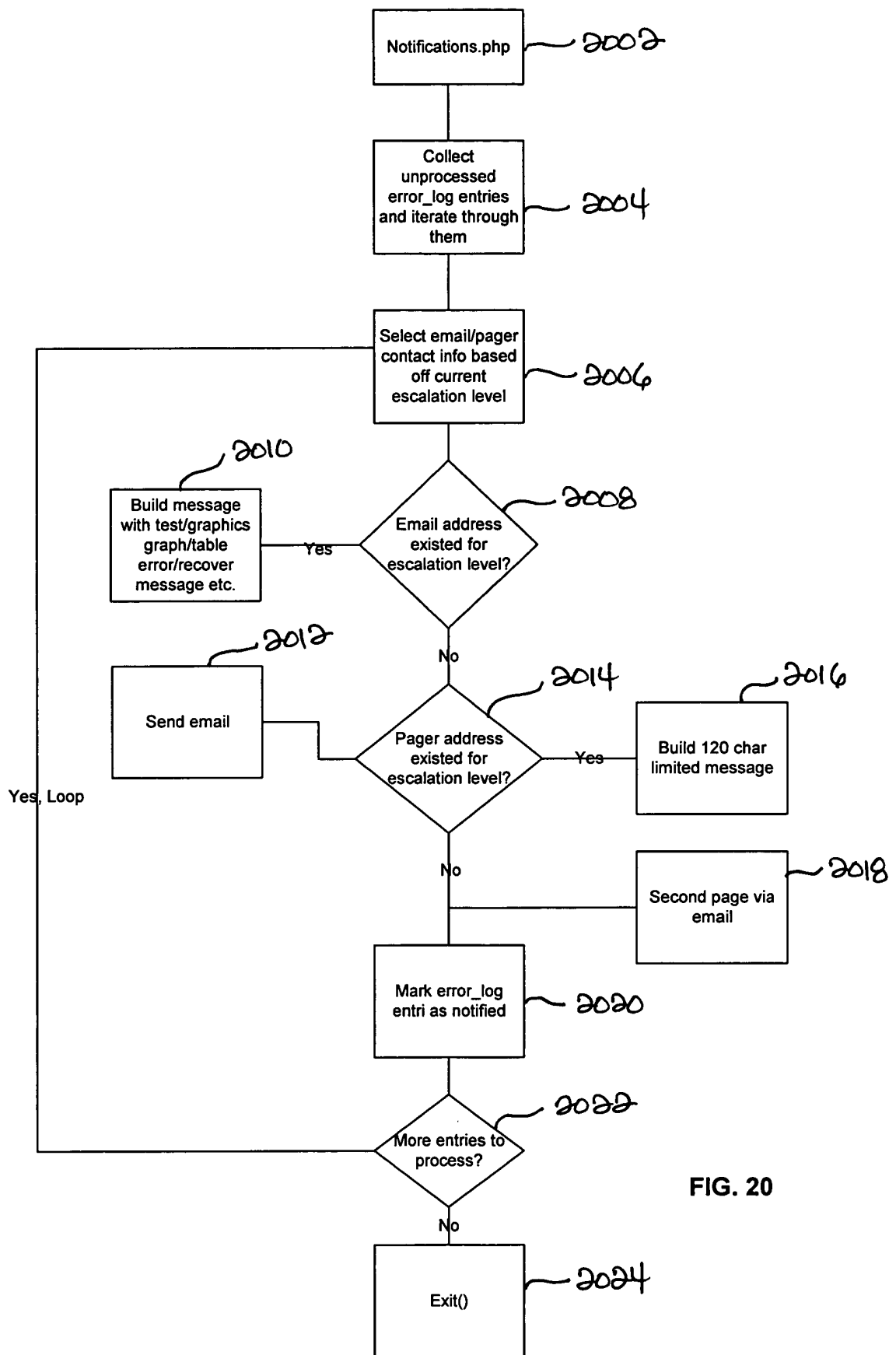
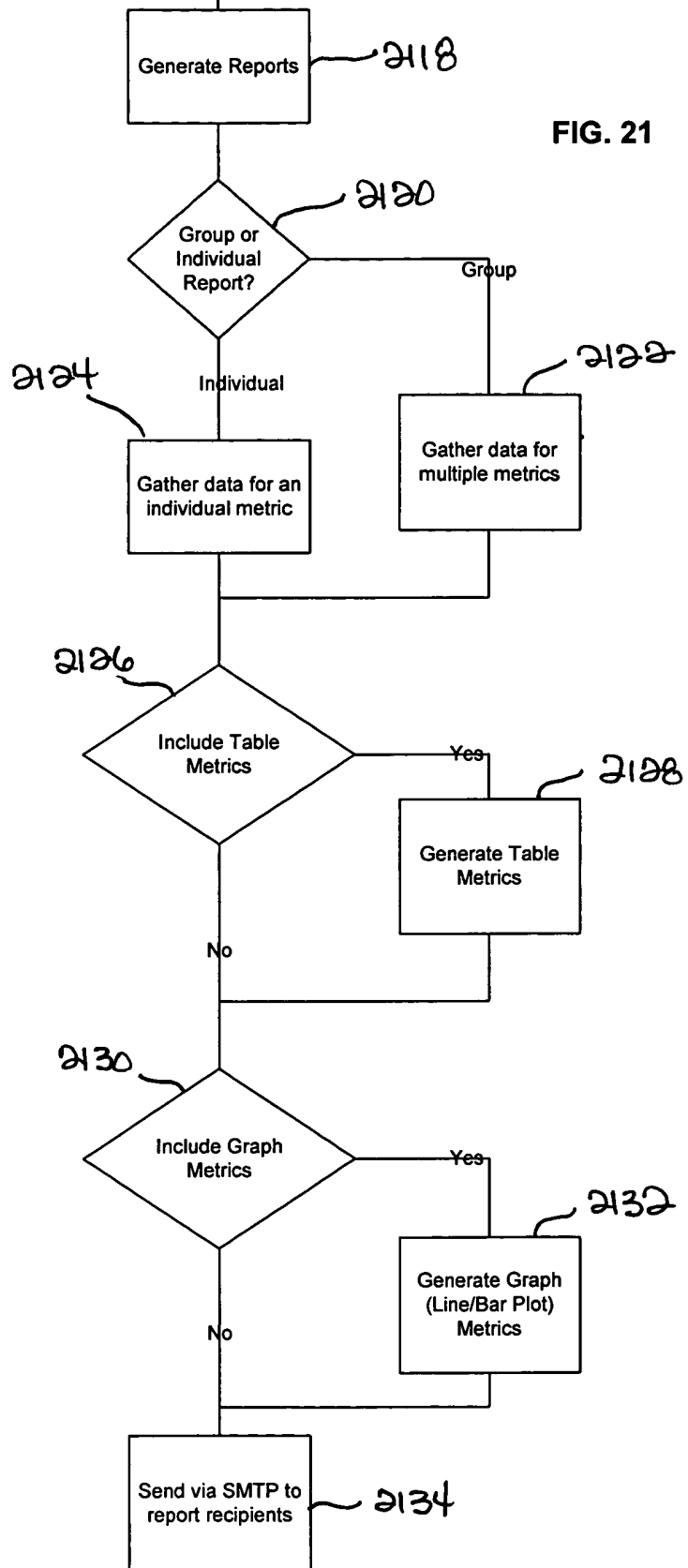
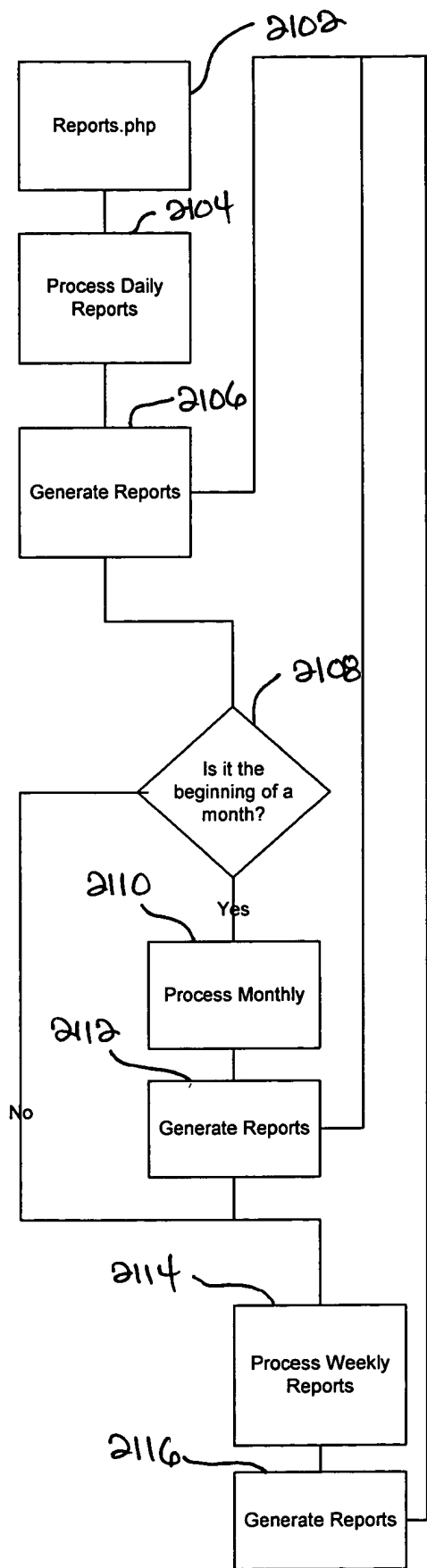


FIG. 16







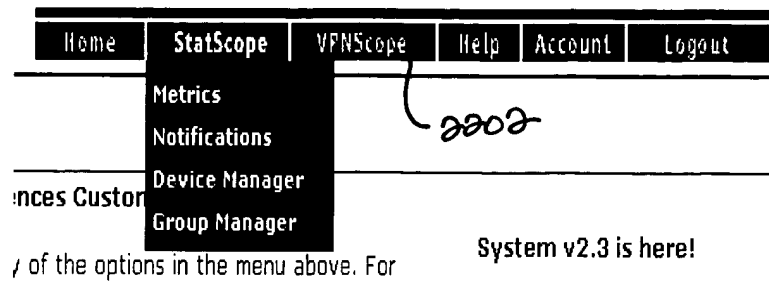
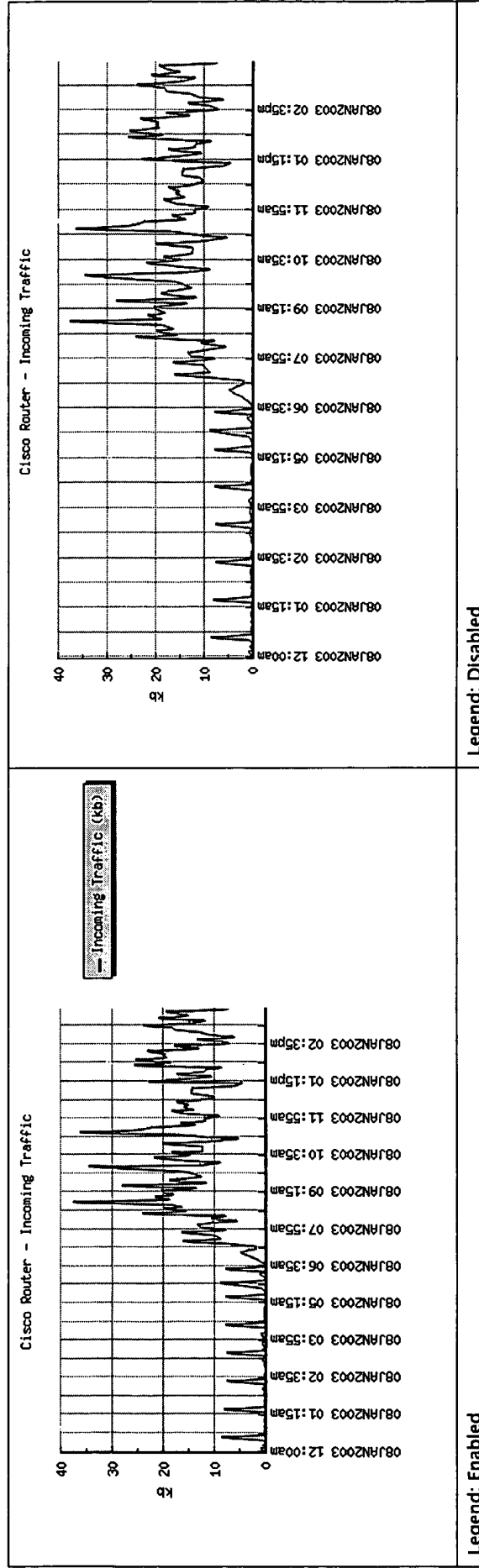


FIG. 22

FIG. 23



## Notifications

Selected	Device Alias	Monitor Alias	Polling	Alerts	Thresholds
<input type="checkbox"/>	Cisco PIX 501	Connections	•	•	• Static
<input type="checkbox"/>	Cisco PIX 501	CPU Utilization	•	•	• Static
<input type="checkbox"/>	Cisco PIX 501	Memory - Available	•	•	• Static
<input type="checkbox"/>	Cisco PIX 501	Memory - Used	•		• Static
<input type="checkbox"/>	Cisco PIX 501	Packet Errors - Inbound	•		
<input type="checkbox"/>	Cisco PIX 501	Packet Errors - Outbound	•		
<input type="checkbox"/>	Cisco PIX 501	Ping Connectivity	•		
<input type="checkbox"/>	Cisco PIX 501	Traffic - Inbound	•		• Static
<input type="checkbox"/>	Cisco PIX 501	Traffic - Inbound - Higher Layer - Non-Unicast	•		
<input type="checkbox"/>	Cisco PIX 501	Traffic - Inbound - Higher Layer - Unicast	•		
<input type="checkbox"/>	Cisco PIX 501	Traffic - Outbound	•		
<input type="checkbox"/>	Cisco PIX 501	Traffic - Outbound - Higher Layer - Non-Unicast	•	•	
<input type="checkbox"/>	Cisco PIX 501	Traffic - Outbound - Higher Layer - Unicast	•		
<input type="checkbox"/>	Cisco PIX 515	Connections	•		
<input type="checkbox"/>	Cisco PIX 515	CPU Utilization	•		
<input type="checkbox"/>	Cisco PIX 515	Memory - Available	•		
<input type="checkbox"/>	Cisco PIX 515	Memory - Used	•		
<input type="checkbox"/>	Cisco PIX 515	Packet Errors - Inbound	•		
<input type="checkbox"/>	Cisco PIX 515	Packet Errors - Outbound	•		
<input type="checkbox"/>	Cisco PIX 515	Ping Connectivity	•		
<input type="checkbox"/>	Cisco PIX 515	Traffic - Inbound	•		
<input type="checkbox"/>	Cisco PIX 515	Traffic - Inbound - Higher Layer - Non-Unicast	•		
<input type="checkbox"/>	Cisco PIX 515	Traffic - Inbound - Higher Layer - Unicast	•		
<input type="checkbox"/>	Cisco PIX 515	Traffic - Outbound	•		
<input type="checkbox"/>	Cisco PIX 515	Traffic - Outbound - Higher Layer - Non-Unicast	•		
<input type="checkbox"/>	Cisco PIX 515	Traffic - Outbound - Higher Layer - Unicast	•		

Notification Settings

Static Thresholds

FIG. 24

**Edit Notification Settings**

Cisco PIX 501 - Connections

**Functionality**

Polling: ☒  
 Notifications: ☒  
 Static Thresholds: ☒

**Primary Contact**

Email:   
 Pager:

**Secondary Contact**

Email:   
 Pager:

**Tertiary Contact**

Email:   
 Pager:

**Escalation Delay**

Primary Level: 0  
 Secondary Level: 0  
 Tertiary Level: 0

FIG. 25

**Static Thresholds**

Cisco PIX 501 - CPU Utilization

High (percent): 15  
 Low (percent): 60

FIG. 26

**Device Manager**


Selected	Alias	IP Address	ISP	Type	Location
<input checked="" type="checkbox"/>	Cisco Router	64.38.175.161	Verio	Router	Seattle, WA

FIG. 27

**Edit Device Attributes**

Alias: Cisco Router  
 IP Address: 64.38.175.161  
 ISP: Verio  
 Type: Router  
 Location: Seattle, WA

FIG. 28




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### Metrics

**View Range:** To begin select a standard or custom view of the metrics you would like to generate.  
   
☐ Set as default

VPN Group Metrics

VPN Tunnel Metrics

Cisco PIX 501 - Connections

Cisco PIX 501 - Packet Errors - Inbound

Cisco PIX 501 - Packet Errors - Outbound

Cisco PIX 501 - Traffic - Inbound

Device Metrics

Cisco PIX 501 - CPU Utilization

Cisco PIX 501 - Memory - Available

Cisco PIX 501 - Memory - Used

Cisco PIX 515 - CPU Utilization

Graphing Features

☒ Legend

☒ X-Grid Marks

☒ Y-Grid Marks

☒ Smoothing

VPN Group Metrics

No VPN Group Metrics have been selected.

VPN Metrics

No VPN metrics have been selected.

Device Metrics

No Device Metrics have been selected.

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2902

2904

2906

FIG. 29

FIG. 30A



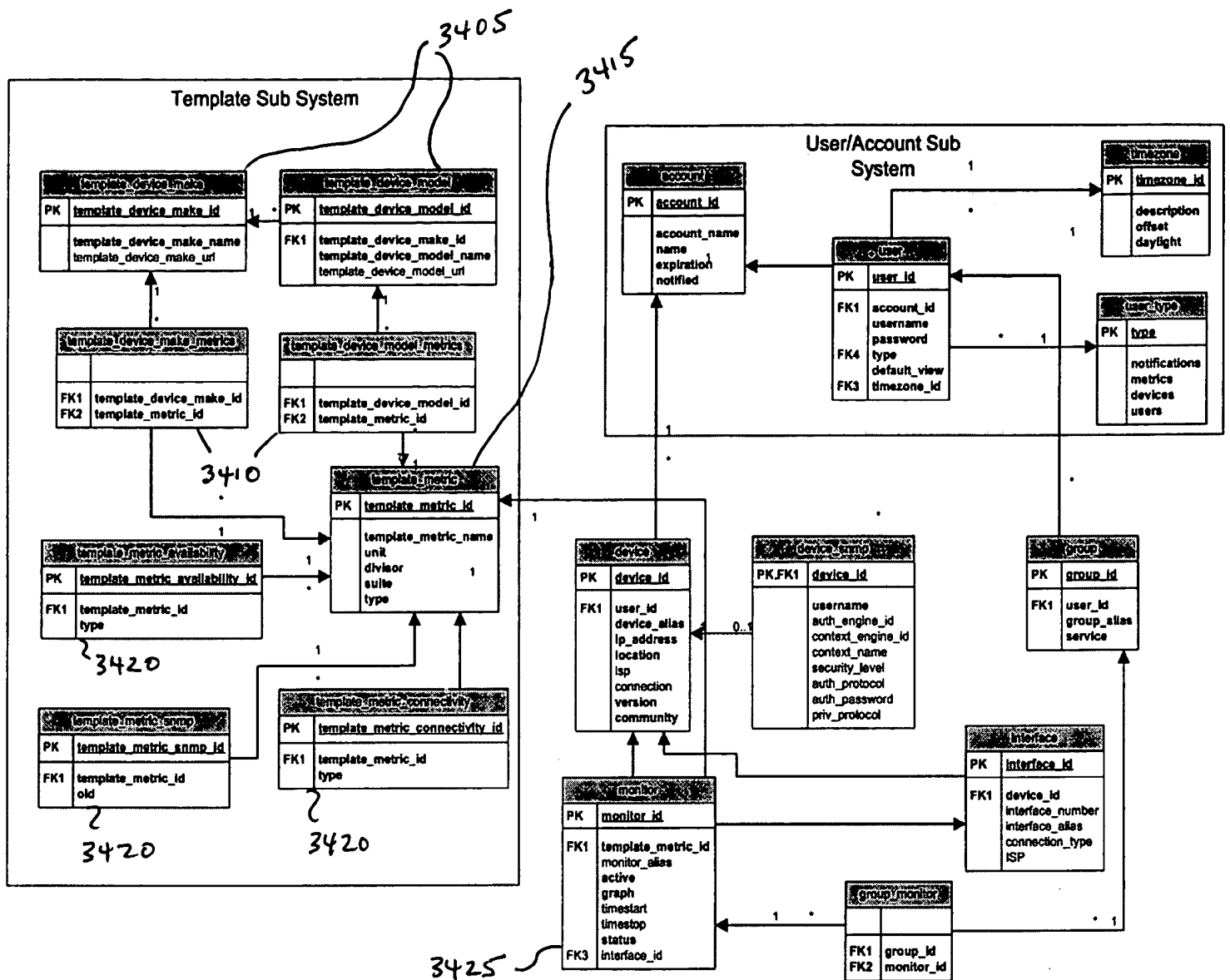


FIG. 34



FIG. 35



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## Metrics

### View Range

Last 24 Hours

☐ Set as default

### Groups

#### Select Devices

- ☐ Make
- ☐ Cisco
- ☐ NetScreen
- ☐ Model
- ☐ Type
- ☐ Alias
- ☐ Location
- ☐ ISP

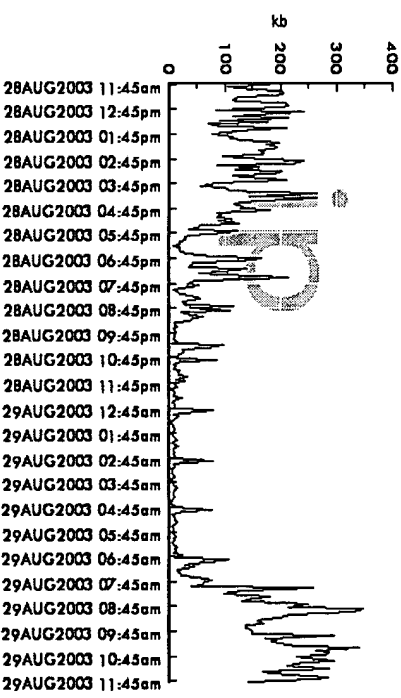
Select Devices

### Group Metrics

3710

3600

## Inbound Traffic



3700

3725

### Legend

☒ Cisco Router - Interface - Inbound Traffic (kb)

Show Individually

### Description

Device Alias: Cisco Router  
Interface Alias: Interface  
Monitor Alias: Inbound Traffic

### Median Data Range

85%:193.55 kb  
95%:257.96 kb  
99%:328.52 kb

### Statistics

Maximum: 345.64 kb  
Minimum: 1.93 kb  
Average: 85.69 kb  
Standard Dev: 85.32 kb

### Total

7.08 gb

### Support

To begin, select the date range for the statistics you wish to query. The View Range drop-down box provides a selection of presets (Today, Last 24 Hours, Last Week, Last Month), as well as a Custom option for establishing your own range of dates.

If desired, select the pre-defined metrics group from the dropdown box. Otherwise, select devices and interfaces by filtering through the Device, Location, and ISP checkbox trees. When completed, click the Select Devices button.

Finally, select the metrics you would like to view and then click the Select Metrics button. Your metrics will be generated in the center panel of the Metrics browser window.

If you would like to view individual metrics, select the desired items from a metrics group's legend and click Show Individually.

FIG. 37

15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A 15A

**Legend**  
☒ — XLON Test Router - 134 - Inbound Traffic(mb)  
☒ — XLON Test Router - 129 - Inbound Traffic(mb)  

Show Individually

3125

FIG. 38